

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082869.D
 Acq On : 10 Nov 2015 14:36
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 10 16:07:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	275482	20.00	ng	-0.03
21) Naphthalene-d8	8.11	136	1049040	20.00	ng	-0.03
38) Acenaphthene-d10	9.86	164	510184	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	1017157	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	799431	20.00	ng	-0.03
86) Perylene-d12	15.41	264	818626	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1259444	71.13	ng	-0.03
7) Phenol-d6	6.46	99	1665433	70.76	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1730758	71.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	453192	77.47	ng	-0.02
44) 2-Fluorobiphenyl	9.18	172	2688296	75.52	ng	-0.03
78) Terphenyl-d14	12.93	244	2465569	73.15	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	325334	42.59	ng	97
3) Pyridine	3.07	79	1007492	45.45	ng	95
4) n-Nitrosodimethylamine	3.02	42	399825	36.37	ng	# 72
6) Aniline	6.49	93	1220924	36.94	ng	98
8) 2-Chlorophenol	6.60	128	706761	36.01	ng	# 77
9) Benzaldehyde	6.36	77	500491	38.49	ng	85
10) Phenol	6.48	94	908811	34.03	ng	82
11) bis(2-Chloroethyl)ether	6.56	93	708102	35.45	ng	93
12) 1,3-Dichlorobenzene	6.76	146	829914m	37.49	ng	
13) 1,4-Dichlorobenzene	6.84	146	854995m	37.12	ng	
14) 1,2-Dichlorobenzene	6.99	146	702492	33.54	ng	95
15) Benzyl Alcohol	6.97	79	718815	34.77	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1143094	39.02	ng	97
17) 2-Methylphenol	7.08	107	636195	38.27	ng	98
18) Hexachloroethane	7.33	117	299118	36.31	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	634733	36.68	ng	91
20) 3+4-Methylphenols	7.24	107	696797	32.24	ng	# 88
22) Acetophenone	7.23	105	1079517	35.91	ng	# 95
24) Nitrobenzene	7.41	77	886236	35.95	ng	89
25) Isophorone	7.65	82	1688968	37.86	ng	97
26) 2-Nitrophenol	7.72	139	369843	35.94	ng	# 78
27) 2,4-Dimethylphenol	7.77	122	650874	35.20	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	925134	36.77	ng	97
29) 2,4-Dichlorophenol	7.97	162	674495	40.36	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	695006	36.98	ng	96
31) Naphthalene	8.13	128	2106989	36.40	ng	99
32) Benzoic acid	7.92	122	453914	35.85	ng	87
33) 4-Chloroaniline	8.18	127	840961	33.71	ng	93
34) Hexachlorobutadiene	8.26	225	433344	36.84	ng	99
35) Caprolactam	8.57	113	208339	39.54	ng	# 89
36) 4-Chloro-3-methylphenol	8.67	107	734480	37.37	ng	89
37) 2-Methylnaphthalene	8.82	142	1260101	33.65	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	616232	36.76	ng	98
40) Hexachlorocyclopentadiene	8.98	237	342198	37.99	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	519447	41.51	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	462312	37.35	nq	97
45) 1,1'-Biphenyl	9.29	154	1549217	35.39	nq	96
46) 2-Chloronaphthalene	9.31	162	1257415	36.82	nq	97
47) 2-Nitroaniline	9.40	65	455862	35.99	nq	# 83
48) Acenaphthylene	9.72	152	1976986	36.94	nq	99
49) Dimethylphthalate	9.60	163	1571793	37.60	nq	100
50) 2,6-Dinitrotoluene	9.65	165	402749	45.16	nq	# 76
51) Acenaphthene	9.89	154	1343577	39.61	nq	99
52) 3-Nitroaniline	9.81	138	419074	42.72	nq	# 87
53) 2,4-Dinitrophenol	9.92	184	197856	40.40	nq	# 28
54) Dibenzofuran	10.06	168	1748251	38.23	nq	94
55) 4-Nitrophenol	9.98	139	333828	44.36	nq	87
56) 2,4-Dinitrotoluene	10.05	165	495797	40.97	nq	92
57) Fluorene	10.41	166	1295843	34.99	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	424489	42.02	nq	# 90
59) Diethylphthalate	10.29	149	1608021	39.40	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	727567	39.26	nq	99
61) 4-Nitroaniline	10.43	138	424551	43.04	nq	# 77
62) Azobenzene	10.57	77	1895060	43.23	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	321427	44.36	nq	89
65) n-Nitrosodiphenylamine	10.52	169	1263527	34.39	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	463823	37.87	nq	99
67) Hexachlorobenzene	10.97	284	498338	36.44	nq	# 56
68) Atrazine	11.06	200	477711	42.04	nq	96
69) Pentachlorophenol	11.15	266	295152	35.54	nq	98
70) Phenanthrene	11.37	178	1959339	33.17	nq	100
71) Anthracene	11.42	178	2335159	37.53	nq	99
72) Carbazole	11.57	167	1765584	32.42	nq	100
73) Di-n-butylphthalate	11.92	149	2433274	35.86	nq	99
74) Fluoranthene	12.56	202	2165863	34.17	nq	98
76) Benzidine	12.68	184	1306515	48.76	nq	100
77) Pyrene	12.78	202	2239929	40.80	nq	99
79) Butylbenzylphthalate	13.41	149	1207042	49.77	nq	93
80) Benzo(a)anthracene	13.97	228	2036387	40.74	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	741398	41.72	nq	100
82) Chrysene	14.02	228	2141019	46.76	nq	100
83) Bis(2-ethylhexyl)phthalate	13.98	149	1553685	46.80	nq	# 95
84) Di-n-octyl phthalate	14.60	149	2667265	48.17	nq	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	1829994	46.41	nq	# 95
87) Benzo(b)fluoranthene	15.01	252	1865652	35.50	nq	# 96
88) Benzo(k)fluoranthene	15.05	252	1863363m	39.97	nq	
89) Benzo(a)pyrene	15.36	252	1777593	39.05	nq	# 95
90) Dibenzo(a,h)anthracene	16.82	278	1523725	39.53	nq	# 98
91) Benzo(g,h,i)perylene	17.22	276	1461973	39.59	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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